

004720"60F9960

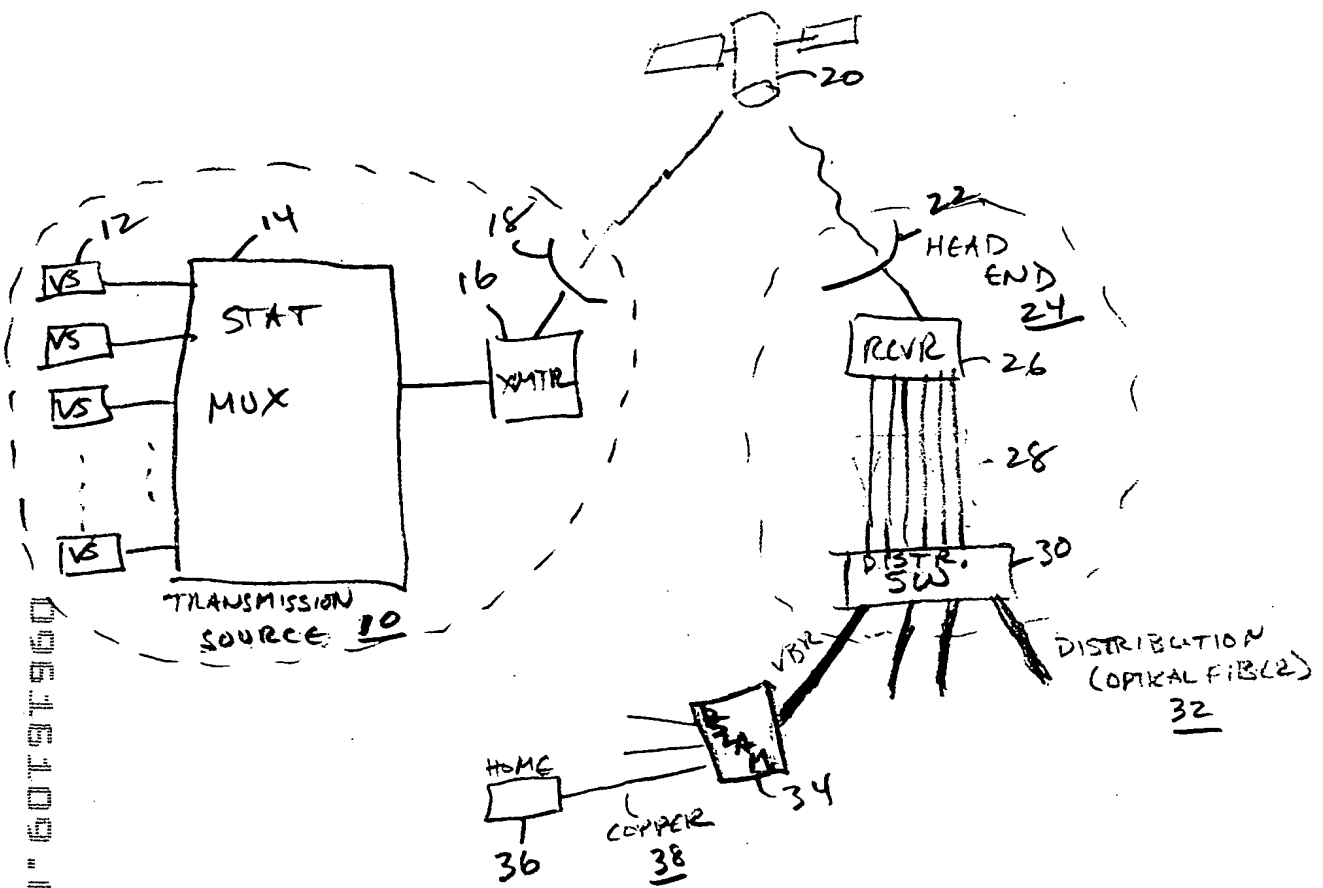


FIG. 1

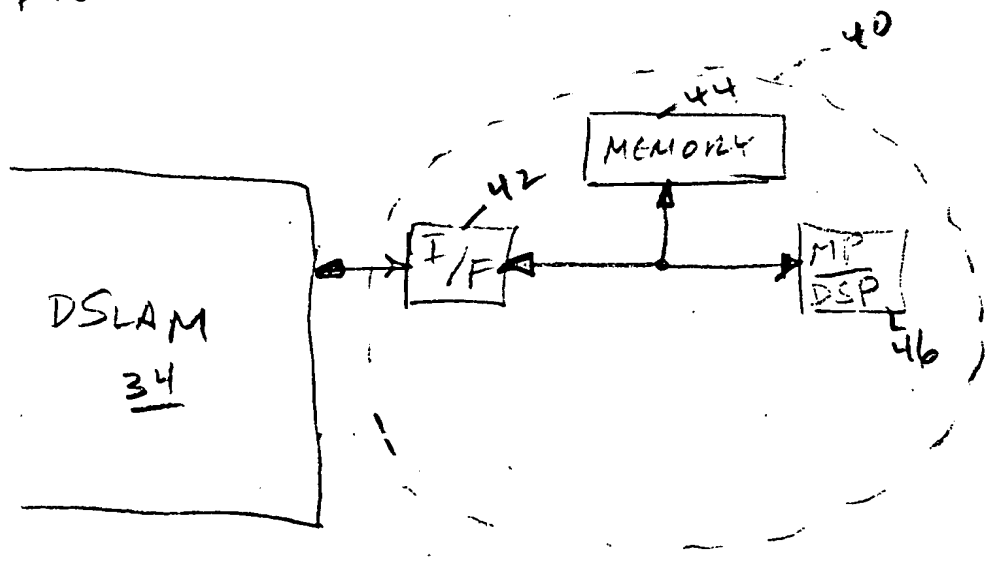


FIG. 3

004720" 60F5T360

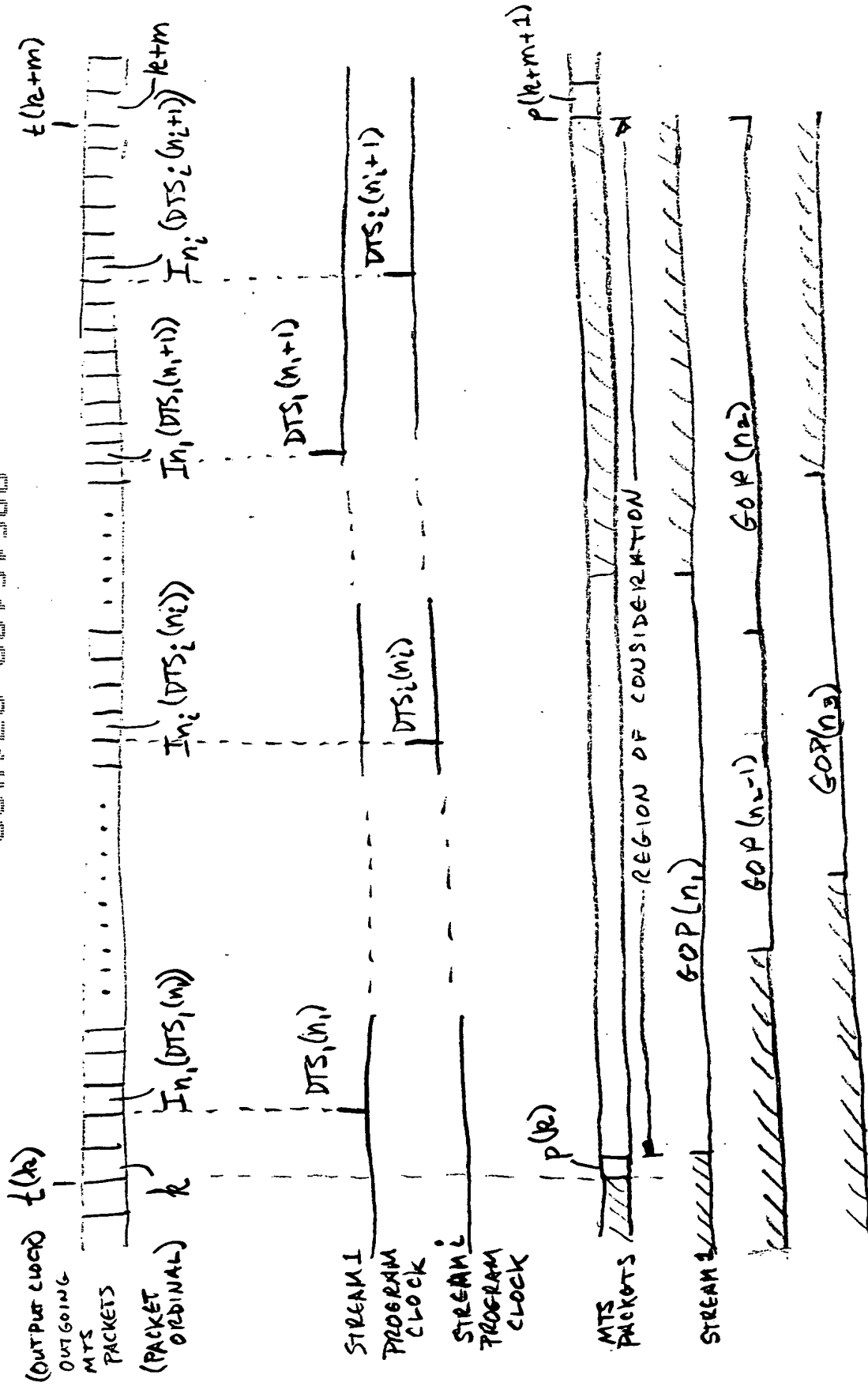


FIG. 2

Example for  $N = 3$ , three streams demultiplexed

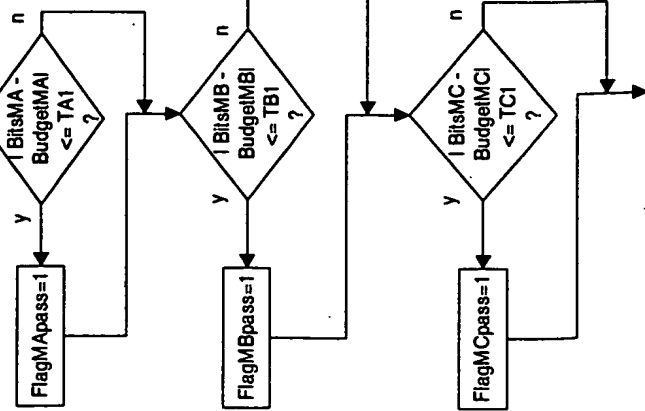
After de-multiplexing and null packet removed

JA pictures from stream A are stored in buffer IBA  
 JB pictures from stream B are stored in buffer IBB  
 JC pictures from stream C are stored in buffer IBC  
 Find BitsMA, BitsJA (= Bits of MA, JA most recent pictures)  
 Find BitsMB, BitsJB (= Bits of MB, JB most recent pictures)  
 Find BitsMC, BitsJC (= Bits of MC, JC most recent pictures)

Find BitsS (= BitsMA + BitsMB + BitsMC)

Determine rate budgets (BudgetMA, BudgetMB, BudgetMC, and BudgetS) based on bit pre-allocation, VBV buffer sizes (VBV\_A, VBV\_B, and VBV\_C), bit rates, and buffer fullness

Determine thresholds TA1, TB1, and TC1 based on BitsJA, BitsJB, and BitsJC



CODE 20" 60T 5000

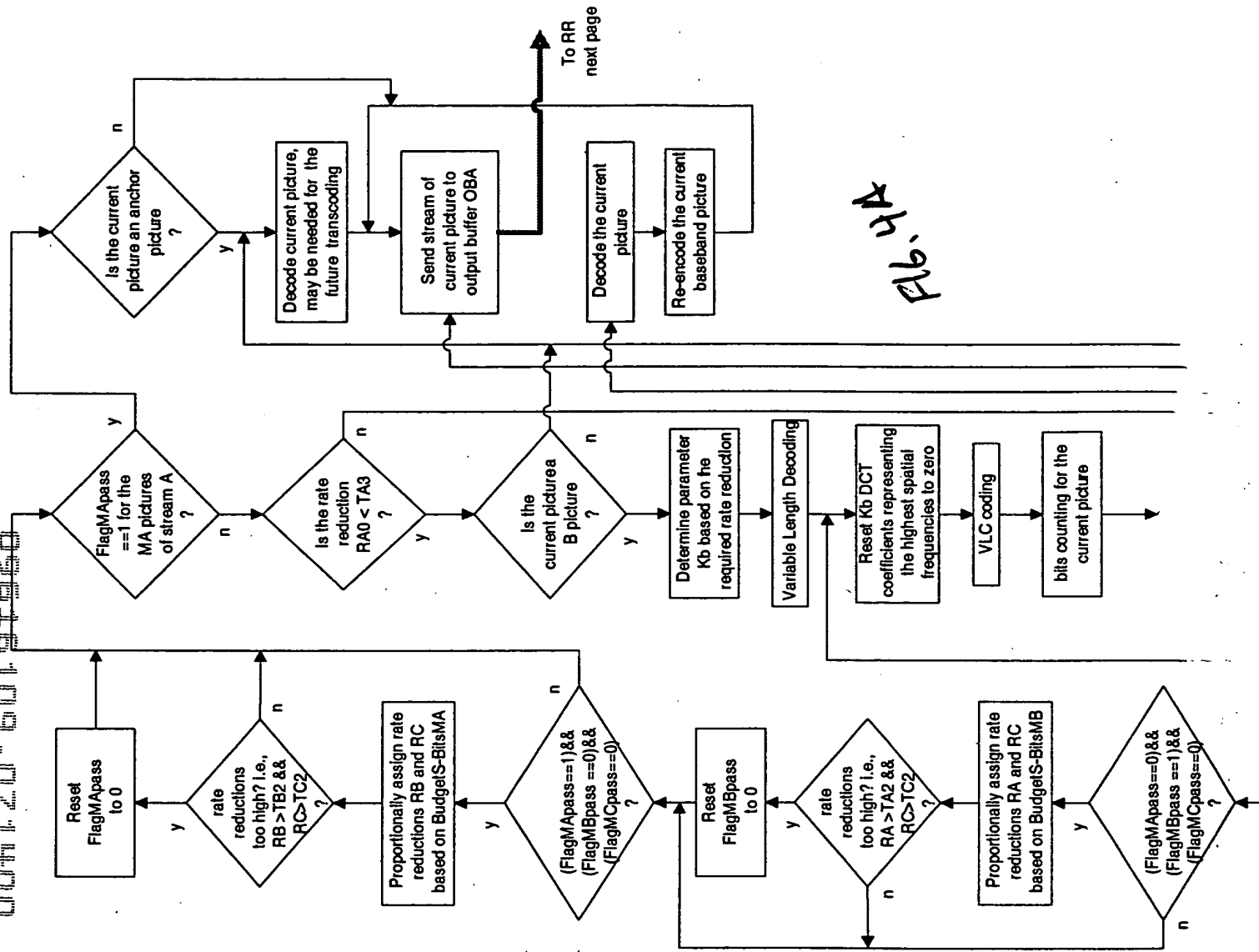
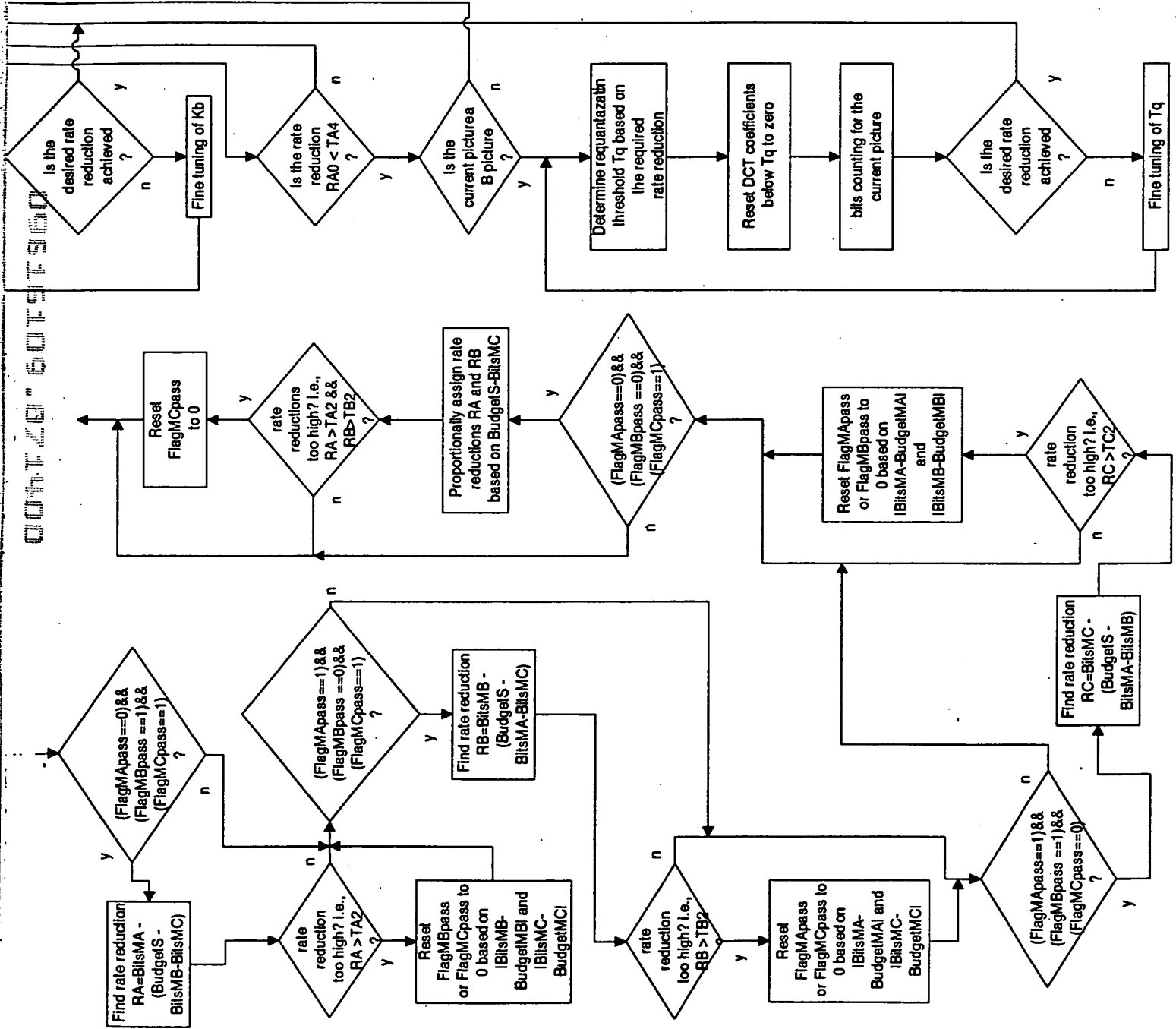


Fig. 4A

Fig. 4B



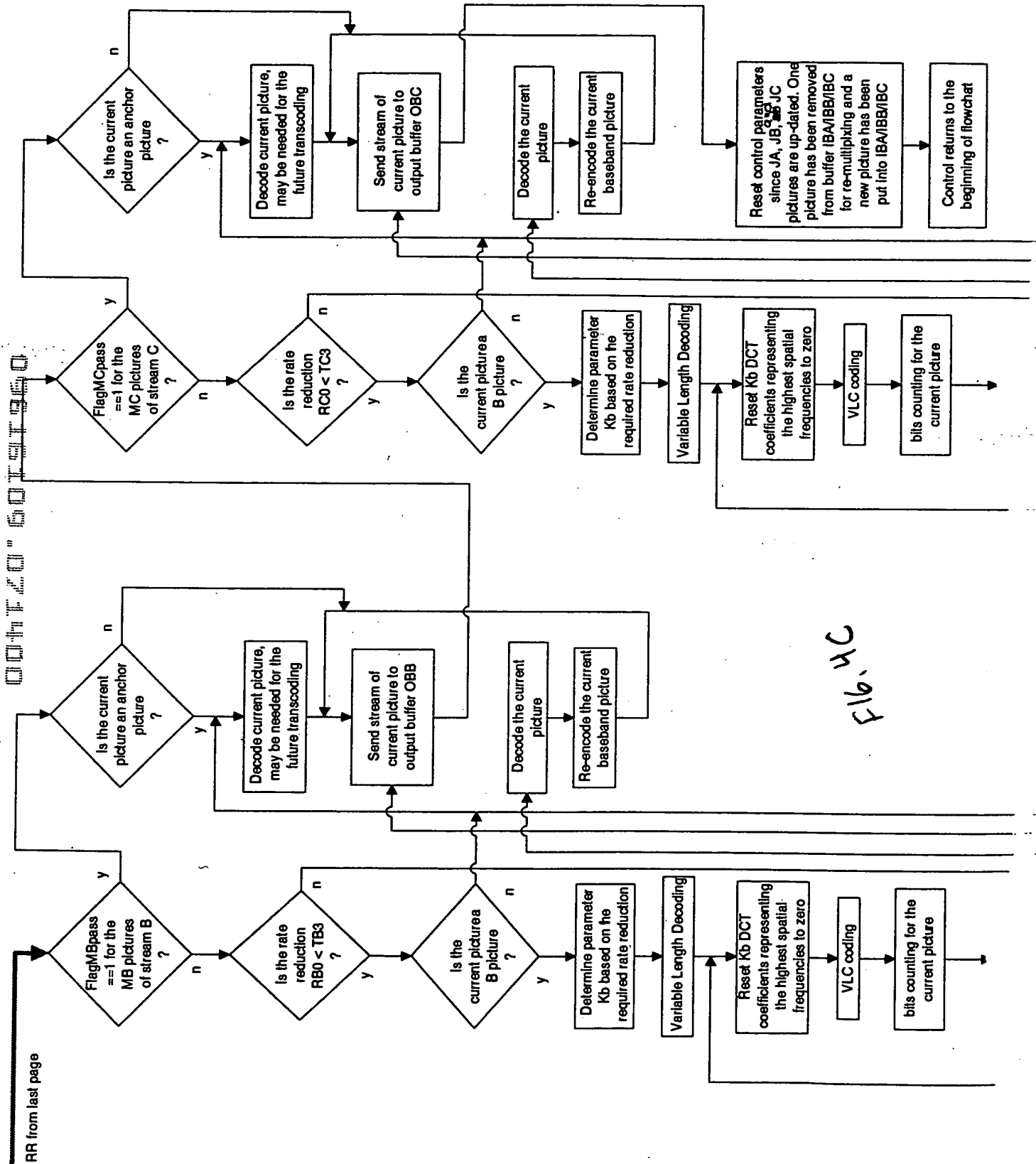
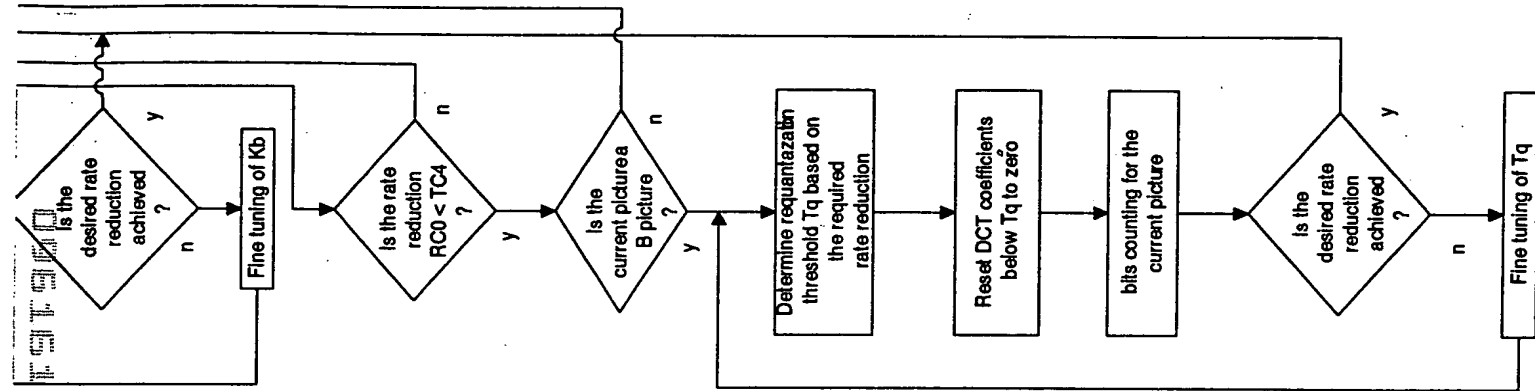


Fig. 4C



4A	4C
4B	4D

Fig. 16D

